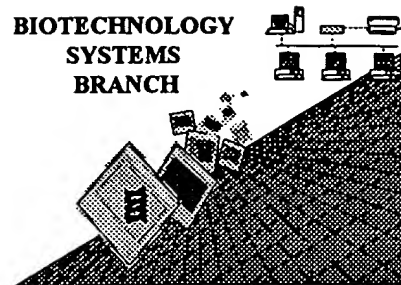


Zaghnoun

RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number:

08/894,356A

Art Unit / Team No :

1649

Date Processed by STIC:

1/13/99

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,**
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THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

ARTI SHAH 703-308-4212

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/894,356ADATE: 01/13/99
TIME: 16:34:07

INPUT SET: S30733.raw

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

SEQUENCE LISTING

Does Not Comply
Corrected Diskette Needed

1
2
3 (1) General Information:
4
5 (i) APPLICANT: ASHIKARI, Toshihiko
6 TANAKA, Yoshikazu
7 FUJIWARA, Hiroyuki
8 NAKAO, Masahiro
9 FUKUI, Yuko
10 SAKAKIBARA, Keiko
11 MIZUTANI, Masako
12 KUSUMI, Takaaki
13
14 (ii) TITLE OF INVENTION: GENE ENCODING A PROTEIN HAVING ACYL
15 GROUP TRANSFER ACTIVITY
16
17 (iii) NUMBER OF SEQUENCES: 31
18
19 (iv) CORRESPONDENCE ADDRESS:
20 (A) ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS, L.L.P.
21 (B) STREET: 1737 King Street, Suite 500
22 (C) CITY: Alexandria
23 (D) STATE: Virginia
24 (E) COUNTRY: United States
25 (F) ZIP: 22314-2756
26
27 (v) COMPUTER READABLE FORM:
28 (A) MEDIUM TYPE: Floppy disk
29 (B) COMPUTER: IBM PC compatible
30 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
31 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
32
33 (vi) CURRENT APPLICATION DATA:
34 (A) APPLICATION NUMBER: US 08/894,356
35 (B) FILING DATE: 18-AUG-1997
36 (C) CLASSIFICATION:
37
38 (vii) PRIOR APPLICATION DATA:
39 (A) APPLICATION NUMBER: JP 7-67159
40 (B) FILING DATE: 17-FEB-1995
41
42 (vii) PRIOR APPLICATION DATA:
43 (A) APPLICATION NUMBER: JP 7-196915
44 (B) FILING DATE: 29-JUN-1995
45

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/894,356ADATE: 01/13/99
TIME: 16:34:08

INPUT SET: S30733.raw

46 (vii) PRIOR APPLICATION DATA:
47 (A) APPLICATION NUMBER: JP 8-46534
48 (B) FILING DATE: 30-JAN-1996
49
50 (vii) PRIOR APPLICATION DATA:
51 (A) APPLICATION NUMBER: WO PCT/JP96/00348
52 (B) FILING DATE: 16-FEB-1996
53
54 (viii) ATTORNEY/AGENT INFORMATION:
55 (A) NAME: Meuth, Donna M.
56 (B) REGISTRATION NUMBER: 36,607
57 (C) REFERENCE/DOCKET NUMBER: 001560-308
58
59 (ix) TELECOMMUNICATION INFORMATION:
60 (A) TELEPHONE: (703) 836-6620
61 (B) TELEFAX: (703) 836-2021
62
63

ERRORED SEQUENCES FOLLOW:

836 (2) INFORMATION FOR SEQ ID NO:6:
837
838 (i) SEQUENCE CHARACTERISTICS:
--> 839 (A) LENGTH: 1521 base pairs
840 (B) TYPE: nucleic acid
841 (C) STRANDEDNESS: double
842 (D) TOPOLOGY: linear
843
844 (ii) MOLECULE TYPE: cDNA to mRNA
845
846 (iii) HYPOTHETICAL: NO
847
848 (iv) ANTI-SENSE: NO
849
850 (vi) ORIGINAL SOURCE:
851 (A) ORGANISM: Lavandula angustifolia
852 (F) TISSUE TYPE: petal
853
854 (vii) IMMEDIATE SOURCE:
855 (A) LIBRARY: cDNA library
856 (B) CLONE: pLAT21
857
858 (ix) FEATURE:
859 (A) NAME/KEY: CDS
860 (B) LOCATION: 1..1352
861
862
863 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
864

1522 shown (next page)

RAW SEQUENCE LISTING PATENT APPLICATION US/08/894,356A

DATE: 01/13/99

TIME: 16:34:09

INPUT SET: S30733.raw
 47

48

95

143

144

191

239

287

335

383

431

479

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575

623

671

numbers off throughout sequence

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 866 Xaa Thr Thr Leu Leu Glu Ser Ser Arg Val Ala Pro Pro Pro Gly Thr
 867 1 5 10 15
 868
 869 GTG GCT GAG CAG TCA CTC CCG CTC ACC TTC TTC GAC ATG ACG TGG CTG
 870 Val Ala Glu Gln Ser Leu Pro Leu Thr Phe Phe Asp Met Thr Trp Leu
 871 20 25 30
 872
 873 CAT TTC CAC CCC ATG CTT CAG CTT CTC TTC TAC GAA CTC CCC TGT TCC
 874 His Phe His Pro Met Leu Gln Leu Leu Phe Tyr Glu Leu Pro Cys Ser
 875 35 40 45
 876
 877 AAA CCC GCC TTC CTC GAA ACC GTC GTT CCG AAA CTC AAA CAA TCC TTA
 878 Lys Pro Ala Phe Leu Glu Thr Val Val Pro Lys Leu Lys Gln Ser Leu
 879 50 55 60
 880
 881 TCT CTA ACC CTC AAA CAC TTC TTC CCC CTT TCA TGC AAT CTA ATC TAC
 882 Ser Leu Thr Leu Lys His Phe Phe Pro Leu Ser Cys Asn Leu Ile Tyr
 883 65 70 75 80
 884
 885 CCT CTA TCG CCG GAG AAA ATG CCG GAG TTC CGG TAT CAG AAC GGT GAC
 886 Pro Leu Ser Pro Glu Lys Met Pro Glu Phe Arg Tyr Gln Asn Gly Asp
 887 85 90 95
 888
 889 TCG GTT TCT TTC ACG ATT ATG GAG TCT GTC GGA GAT CAT CCG CAT TCC
 890 Ser Val Ser Phe Thr Ile Met Glu Ser Val Gly Asp His Pro His Ser
 891 100 105 110
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 893 GCT CAT AAA TAC TAC TGC TTT GCC CCT AGC GAC GAT TAT GAA GAT CTC
 894 Ala His Lys Tyr Tyr Cys Phe Ala Pro Ser Asp Asp Tyr Glu Asp Leu
 895 115 120 125
 896
 897 CAG CTG CCG CCG ATA GTC GAG GAA TCT GAT CGG AAA TTG TTT CAA GTT
 898 Gln Leu Pro Pro Ile Val Glu Glu Ser Asp Arg Lys Leu Phe Gln Val
 899 130 135 140
 900
 901 TTA GCC GTG CAA GTG ACT CTG TTT CCC GGT CGC GGG GTG TGC ATC GGA
 902 Leu Ala Val Gln Val Thr Leu Phe Pro Gly Arg Gly Val Cys Ile Gly
 903 145 150 155 160
 904
 905 ATA ACG ACG CAC CAC ACC GTT AGC GAT GCT CCA TCG TTT GTA GGG TTT
 906 Ile Thr Thr His His Thr Val Ser Asp Ala Pro Ser Phe Val Gly Phe
 907 165 170 175
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 909 ATG AAG AGT TGG GCT TCC ATC ACT AAA TTC GGA GGA GAT GAT GAA TTC
 910 Met Lys Ser Trp Ala Ser Ile Thr Lys Phe Gly Gly Asp Asp Glu Phe
 911 180 185 190
 912
 913 TTG GAC GGA AAA GGT GAA TGT TTG CCG GTT TTC GAC CGA TCG CTC GTG
 914 Leu Asp Gly Lys Gly Glu Cys Leu Pro Val Phe Asp Arg Ser Leu Val
 915 195 200 205
 916
 917 AAT TAT CCG CCT AAA TTG GAC ACA TAT TTA TGG AAC AAC GCG CAG AAA

RAW SEQUENCE LISTING PATENT APPLICATION US/08/894,356A

DATE: 01/13/99
TIME: 16:34:10

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919	210 215 220	
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921	CGT CCG TTG GAA TCG CAG CAT CCA TCT TTA CCG ACG GAT CGG ATT CGA	719
922	Arg Pro Leu Glu Ser Gln His Pro Ser Leu Pro Thr Asp Arg Ile Arg	
923	225 230 235 240	
924		
925	GCT ACC TAC CTT TTC ACC CAA TCT GAA ATT AAG AAA TTG AAG GGT TTG	767
926	Ala Thr Tyr Leu Phe Thr Gln Ser Glu Ile Lys Lys Leu Lys Gly Leu	
927	245 250 255	
928		
929	ATT CAG AGA AAA GCC CCA AAT GTA GTT AAT CTC TCT TCC TTC GTC GCG	815
930	Ile Gln Arg Lys Ala Pro Asn Val Val Asn Leu Ser Ser Phe Val Ala	
931	260 265 270	
932		
933	ATC GCA GCT TAT ATC TGG ACC GGC ATC GCC AAA TCG GTC GGA GAT TAC	863
934	Ile Ala Ala Tyr Ile Trp Thr Gly Ile Ala Lys Ser Val Gly Asp Tyr	
935	275 280 285	
936		
937	AAA GAC GTG GAT GAC GAC AAA CGC GCT TTC TTT TTA ATT CCG ATC GAT	911
938	Lys Asp Val Asp Asp Asp Lys Arg Ala Phe Phe Leu Ile Pro Ile Asp	
939	290 295 300	
940		
941	TTA AGG CCG CGT TTG GAT CCG CCG GCT CCG GGG AAC TAC TTC GGA AAC	959
942	Leu Arg Pro Arg Leu Asp Pro Pro Ala Pro Gly Asn Tyr Phe Gly Asn	
943	305 310 315 320	
944		
945	TGT CTA TCG TTT GCG ATG GCG AAG ATC CTG CCG CCG GAT TTG GTC GGA	1007
946	Cys Leu Ser Phe Ala Met Ala Lys Ile Leu Arg Arg Asp Leu Val Gly	
947	325 330 335	
948		
949	GAT GAA GGG GTG TTT CGG GCA GCT GAG GCG ATC GCG GCG GAA ATA GAG	1055
950	Asp Glu Gly Val Phe Arg Ala Ala Glu Ala Ile Ala Ala Glu Ile Glu	
951	340 345 350	
952		
953	AAG AGG ACG AGC GAC AAG AAG ATT CTA GAA ACT GTG GAG AAC TGG CCG	1103
954	Lys Arg Thr Ser Asp Lys Lys Ile Leu Glu Thr Val Glu Asn Trp Pro	
955	355 360 365	
956		
957	TCT GAG ATT CGC GAA GCC TTG CAA AAC TGT TAT TTC TCG GTG GCG GGA	1151
958	Ser Glu Ile Arg Glu Ala Leu Gln Asn Cys Tyr Phe Ser Val Ala Gly	
959	370 375 380	
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961	TCG AGC AGG CTT GAT CTT TAC GGC GCG GAT TTT GGA TGG GGT AAG GCG	1199
962	Ser Ser Arg Leu Asp Leu Tyr Gly Ala Asp Phe Gly Trp Gly Lys Ala	
963	385 390 395 400	
964		
965	GTG AAG CAA GAG ATA CTG TCG ATT GAT GGA GAG AAG TTT ACG ATG TCG	1247
966	Val Lys Gln Glu Ile Leu Ser Ile Asp Gly Glu Lys Phe Thr Met Ser	
967	405 410 415	
968		
969	TTG TGT AAA CCG AGG GAT GCT GCC GGA GGA TTG GAG GTT GGA TTG TCT	1295
970	Leu Cys Lys Pro Arg Asp Ala Ala Gly Gly L u Glu Val Gly Leu Ser	

↑
number
off
↓

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/894,356ADATE: 01/13/99
TIME: 16:34:11

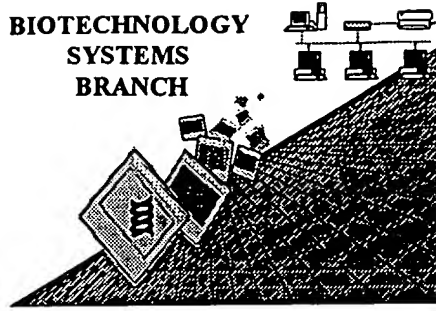
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	420	425	430	
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972				
973	TTG CCA AAG GAG GAA TTG CAA GCT TTT GAT GAT TAT TTT GCG GAG GGA			1343
974	Leu Pro Lys Glu Glu Leu Gln Ala Phe Asp Asp Tyr Phe Ala Glu Gly			
975	435	440	445	
976				
977	ATA AAG GGT TGATTAATCA TTTAATCATG TATTATGAAG TTGGATGAAA			1392
978	Ile Lys Gly			
979	450			
980				
981	TCCTCTGTTT CATCTCTATT GTTTAAACAA TAATTTTTTTT CCATTGAACT TTTTGTGAGTC			1452
982				
983	AATAAAAAAAAA AAAAAAAAAA AAAAAAATG AAAAAACTCA GTTATTTTTTT TTTTTTTTTT			1512
984				
985	TTTTTTTTTT			1521
986				
987				

*Transfer off**↓*

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/894,356ADATE: 01/13/99
TIME: 16:34:11**INPUT SET: S30733.raw**

Line	Error	Original Text
839	Entered (1521) and Calc. Seq. Length (1522) differ	(A) LENGTH: 1521 base pairs
865	# of Sequences for line conflicts w/ running total	NTG ACC ACC CTC CTC GAA TCC TCC CGA GTG GC



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Applicant Aid for Biotechnology Computer Readable Form (CRF) Sequence Listing Submissions

The Patent and Trademark Office (PTO) has developed a computer program, called Checker, that will aid applicants in identifying and correcting errors prior to making submissions for compliance with the Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (Sequence Rules: 37CFR 1.821 through 1.825). Final rules were published in the *Federal Register* (55 FR18230) on May 1, 1990, and in the PTO *Official Gazette* (1114 Off.Gaz.PatOffice 29) on May 15, 1990.

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- 1) Dial-up access through the Internet. Location is [ftp://ftp.uspto.gov](ftp://ftp.uspto.gov/pub/checker/)
The software is in current directory: pub/checker/
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- 3) For diskette copies, mail to: U.S.P.T.O., OEIP, CRYSTAL PARK 3, SUITE 441
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